

Photoionization of Some Compounds Containing  
the Carbonyl and Amino Groups, by  
V. K. Potapov, A. D. Filyugina.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No. 2,  
May, 1968, pp. 398-401.  
CB

Jan 69

373-421

Influence of Molecular Conformation on the Modulus,  
of Elasticity of Gelatin Films, by V. A. Pchelin.  
RUSSIAN ,per, Dok Ak Nauk SSSR, Vol 180, No. 2,  
May, 1968, pp. 402-403.  
CB

Jan 69

373-422

Uniaxial Uniform-Speed Elongation of High-Elasticity Liquids ( of Low-Molecular Polyisobutylene as an Example ), by B. V. Radushkevich, V. D. Fikhan.  
RUSSIA, per, Dok Ak Nauk SSSR, Vol 180, No. 2, May , 1968, pp. 404-407.  
CB

Jan 69

373-423

Nature of the Reversible and Irreversible Form  
of Chemisorption on a Semiconductor, by  
Ye. N. Figurovskaya, F. F. Vol'kenshtein .  
RUSSIAN, per , Dok Ak Nauk SSSR, Vol 180, NO. 2,  
May , 1968, pp. 408-411.  
CB

Jan 69

573-424

Mechanism of Radiation-Chemical Transformation of  
DNA in Frozen Aqueous Solutions, by  
V. A. Sharpatyi, M. T. Nadzhimiddinova.  
RUSSIA, per, Dok Ak Nauk SSSR, Vol 180, NO 2,  
May, 1968, pp. 412-415.  
CB

Jan 69

373-325

Some Surface and Volume Properties of Solutions of  
Potassium and Sodium Salts of Fluoro-Substituted  
Aliphatic Acids, by L. A. Shits , N. A. Safronova.  
RUSSIA, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
May, 1968, pp. 416-419.  
CB

Jan 69

373-326

A Study of the Polymerization of 1,3-  
Butadiene Under the Influence of  
 $\pi$ -Allyl Systems, by a Radiochemical  
Method, by B. D. Babitskii  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem  
Tech., Vol 180, No 2, May 1968,  
pp 420-422.  
CB

Nov 70

Interdiffusion of Tantalum and Tungsten,  
by I. A. Tregubov  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem  
Tech., Vol 180, No 2, May 1968,  
pp 423-424.  
CB

Nov 70

Use of Computers to Predict the Grade of Oil,  
by A. E. Kontorovich, A. D. Lugovtsov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 425-427.  
AGI

Mar 69

375,697

Relation Between Thicknesses of Quaternary  
Deposits and Paleostucture in North European  
USSR, by Yu. G. Namestnikov, L. L. Rozanov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 428-430.  
AGI

Mar 69

375,698

Reasons for the Horizontal Stress Responsible for  
Disharmonic Folding in the Sedimentary Platform  
Cover in the Baltic Region, by N. M. Rukhovets.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 431-434.  
AGI

Mar 69

375,699

More Information About Transural Ultrabasites,  
by Ye. P. Smirnov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 435-438.

AGI

Mar 69

375,700

More Information About the Precambrian in the  
Middle of the Russian Platform, by L. F. Solontsov,  
Ye. M. Aksenov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 439-441

AGI

Mar 69

375,701

Reasons for the Appearance of Native Elements  
at the Top of the Lithosphere, by V. M. Gavshin.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 442-445.  
AGI

Mar 69

375,736

The Nature of Interlayer Spaces in Rectorite  
From Dagestan, by B. P. Gradusov,  
N. P. Chizhikova.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 446-448.  
AGI

Mar 69

375,737

Iosite Found for the First Time in Granitoid  
Residuum, by N. Ye. Klevenskaya, N. M. Chernitsova.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 449-451.  
AGI

Mar 69

375,738

Idocrases From Skarns in Central Asia and  
Their Chemical Composition, by  
D. P. Serdyuchenko, F. G. Gubaydulin.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 452-455.  
AGI

Mar 69

375,739

Secondary Quartzite of Mukhor Tals, Another  
Metasomatic Rock Type in Transbaikal, by  
N. Ya. Volyanyuk, V. S. Lebedeva.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 456-458.  
AGI

Mar 69

375,747

Isotopic Composition of Sulfur in Barite  
Concretions in Kiev Marl of the Donbas, by  
V. I. Vinogradov, P. V. Zaritskiy.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 459-461.  
AGI

Mar 69

375,756

Geochemistry of the Kamenka Differentiated  
Teschenite Sill (Sakhalin), by S. M. Kravchenko.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No2,  
1968, pp 462-465.  
AGI

Mar 69

375,757

Trial Determination of the Age of Magnetite  
by the Alpha-Helium Method, by L. N. Ovchinnikov,  
A. S. Shur.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 466-468.  
AGI

Mar 69

375,758

More Information About the Geochemistry of  
Carbon Dioxide in Subsurface Zones of the  
Hydrosphere, by S. I. Pakhomov, I. G. Kissin.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 2,  
1968, pp 469-472.  
AGI

MAR 69

375,759

Mar 69

375,759

Reactions of Certain Rodents to Gas Gradients  
in their Environment, by A. I. Shcheglova.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 2, May 1968, pp 473-475.  
CB

Jan 71

Nitrogen Fixation by a Cell-Free Preparation of  
Azotobacter vinelandii, by T. K. Il'ina.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 2, May 1968, pp 476-479.  
CB

Jan 71

Inhibitory Action of 5-Bromo-2'-Desoxyuridine  
and 6-Azauridine on Reproduction of Ornithosis  
Virus, by I. I. Terskikh.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 2, May 1968, pp 480-481.

CB

Jan 71

Radiosensitivity of Natural DNA - RNA  
Complex From Seed Embryos, by V. I.

Tokarskaya

RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,  
Vol 180, No 2, May 1968, pp 482-485.

CB

Oct 70

Effect of Ultrasound and Surface Forces  
on the Release of Native DNA From  
Bacteriophage T2, by I. Ye. El'piner  
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,  
Vol 180, No 2, May 1968, pp 486-487.  
CB

Oct 70

Coding Properties of the Serine Transport RNAs  
of the Silk Gland of *Bombyx mori*, by

G. N. Zaitseva.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 180,  
No 2, May 1968, pp 488-491.

CB

Nov 70

Catalytic Action of Metal Ions on the Photolysis  
of Amino Acids, by M. A. Khenokh.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 180,  
No 2, May 1968, pp 492-495.  
CB

Nov 70

Correlation of Leaf Movement and Flowering in *Perilla Oleifera*, by A. A. Ioffe  
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,  
Vol 180, No 2, May 1968, pp 496-498.  
CB

Nov 70

Quantitative Characteristic of Myoglobin in the  
Crested Penguin, *Eudyptes cristatus*, by  
P. A. Korzhuyev.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 2, May 1968, pp 499-500.

CB

Jan 71

The Reaction of the Phasic and Tonic Cells of the  
Frog's Optic Center to Changes in Stimulus  
Duration, by L. I. Mkrticheva.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 2, May 1968, pp 501-504.

CB

Jan 71

Changes in the Sensitivity of Cells to Hydrocortisone During Cancerogenesis, by

O. S. Frankfurt.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,

Vol 180, No 2, May 1968, pp 505-507.

CB

Jan 71

The Effect of Puromycin on Different Phases of  
the Division of the Sea Urchin Egg, by

A. I. Zotin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,

Vol 180, No 2, May 1968, pp 508-511.

CB

Jan 71

On the Fundamental Theorem in the Homology  
Theory of Dimension, by P. Aleksandrov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 3, 1968, pp. ~~571-572~~. pp. 571-572  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,887

Generalized Equiparametric Manifolds in a  
Multidimensional Projective Space, by

E. T. Ivlev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 3, 1968, pp. 323-325.

The Amer Math Soc

Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,888

Parametric Resonance in Canonical Systems of  
Linear Differential Equations with Quasi-  
periodic Coefficients, by G. A. Krasinskii.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 3, 1968, pp ~~672-674~~. pp 526-529  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,889

An Approach to the Notion of Limit, by  
Ja. B. Livcak.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 130,  
No 3, 1968, pp ~~530-533~~. pp 530-533  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,890

The Dimensionality of the Product of  
Unidimensional Bicomcompacta, by I. K. Lifanov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 3, 1968, pp. ~~534-537~~. pp 534-537  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,891

On the Theory of Riemann's Problem in the  
Class L, by V. S. Rogozin.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 3, 1968, pp ~~538-555~~ pp 538-541  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,892

Theorems on Homeomorphisms Induced by  
Elliptic Operators, by Ja. A. Roitberg.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 3, 1968, pp ~~636-660~~. pp. 542-545  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,893

o-Proximities and o-Absolutes, by V. Fedoreuk.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 3, 1968, pp ~~441-461~~. *pp 546-549*  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,894

On the Resolvent of Generalized Selfadjoint  
Extensions of Symmetric Operators, by  
E. R. Cekanovskii.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 130,  
No 3, 1968, ~~pp. 550-553~~. pp. 550-553  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,895

Principles of the Structural and Chemical  
Thermostabilization of Crystallizing Cross-Linked  
Polymers, by R.P. Braginskii, Ye. Ye. Finkel.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
May, 1968, pp.632-634.  
CB

Jan 69

373-327

Combustion of Previously Unprepared Dust-Gas  
Systems Behinds the Reflektions of Shock Waves,  
by A. V. Lyubimov, V. P. Kozenko.  
RUSSIAN, per , Dok Ak Nauk SSSR, Vol 180, No 3,  
May , 1968, pp. 635-638.  
CB

Jan 69

373-328

Degenerate Regimes of Thermal Explosion, by  
A. G. Merzhanov, Ye. G. Zelikman.  
RUSSIAN, PER, Dok Ak Nauk SSSR, Vol 180, No 3,  
May , 1968, pp. 639-642.  
CB

Jan 69

373-329

Kinetics of the Reaction of Sodium with Saturated Alcohols, and Their Benzene, Dioxane, and Aqueous Solutions, by T. A. Miskinov, N. A. Viskova.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3, May , 1968, pp. 643-645.  
CB

Jan 69

373-330

Aging of High-Density Polyethylene Under Action  
of Mechanical Stresses, by M. Natov,  
St. Vasileva.

RUSSIA, per, Dok Ak Nauk SSSR, Vol 180, No 3 ,  
May , 1968, pp. 646-648.

CB

Jan 69

373-331

Mechanism of the Formation of Silver Threads  
in the Production of Microcrystals Silver Bromide,  
by Ye. P. Senchenkov, K. V. Chibisov.  
RUSSIAN , per, Dok Ak Nauk SSSR, Vol 180, No 3,  
May, 1968, pp.649-651.  
CB

Jan 69

373-332

Study of Adsorption Phenomena on Platinum By  
the Potentiostatic Method, by F. M. Toktabaeva,  
G. D. Zakumbaeva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3 ,  
May, 1968, pp.652-654.

CB

Jan 69

373-333

The Application of Green's Coulombic Functions  
to the Calculation of Atomic Properties Using  
Perturbation Theory, By S. V. Khristenko,  
S. I. Vetchinkin.  
RUSSIAN, per, Dok AK Nauk SSSR, Vol 180, No 3 ,  
May, 1968, pp. 655-658.  
CB

Jan 69

373-334

Exchange Interactions and Structure of Anhydrous  
Substituted Copper Alkanoates, by

Yu. V. Yablokov, A. V. Ablov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180 , No 3 ,  
May, 1968, pp. 659-661.

CB

Jan 69

375-335

Determination of the Characteristic  
Parameters of a Mathematical Model in  
a Bed of Packing, by V. V. Kafarov  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem  
Tech., Vol 180, No 3, May 1968,  
pp 662-664.  
CB

Nov 70

Stereospecific Polymerization of 1,3-  
Butadiene in a Polar Medium, by  
V. A. Kormer  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem  
Tech., Vol 180, No 3, May 1968,  
pp 665-667.  
CB

Nov 70

Colloidal Solubility of Natural Resins  
and Synthetic Polymers in Water, by  
S. L. Talmud  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem  
Tech., Vol 180, No 3, May 1968,  
pp 668-671.  
CB

Nov 70

Equilibrium in Dissociation of Solid  
Solutions of Iron Titanate With  
Magnesium Titanate, by A. A. Shchepetkin  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem  
Tech., Vol 180, No 3, May 1968,  
pp 672-674.  
CB

Nov 70

Relationship Between the Main Parameters of  
Equilibrium at Depth in Oil and Gas Basins,  
by Yu. A. Viskovskiy, A. N. Guseva.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 675-678.  
AGI

Mar 69

375,702

The Utlyuk Graben and its Gas Potential, by  
A. A. Goyzhevskiy.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 679-681.  
AGI

Mar 69

375,703

A Find of Late Devonian Flora in the  
Karachayevskaya Series (Northern Caucasus),  
by S. P. Momot, I. I. Grekov.  
RUSSIAN, per, Dok Ak Nauk SSSR Vol 180, No 3,  
1968, pp 682-683.  
AGI

Mar 69

375,704

Age of Lower Horizons of the Tunguska Complex,  
by G. N. Sadovnikov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 684, 686.  
AGI

Mar 69

375,705

The Use of Aerial Photography to Determine the  
Primary Origin of Deeply Metamorphosed Alkalic  
Rocks on the Kola Peninsula, by A. V. Sidorenko,  
V. A. Ozhogin.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 687-690.  
AGI

Mar 69

375,706

Foraminifera Found for the First Time in  
Southeastern Mongolia, by O. D. Suyetenko.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 691-694.  
AGI

Mar 69

375,707

Mode of Origin of the Balta Deposits in Moldavia,  
by A. N. Khubka.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 695-696.  
AGI

Mar 69

375,708

Comparison of the Benzene Content of Stratal  
Water in Mesozoic Complexes of Southern  
Mangyshlak and Eastern Ciscaucasia, by  
V. N. Kortsenshteyn.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 697-699.  
AGI

Mar 69

375,733

Magnesian Gedrite From the Southwestern  
Pamirs, by I. A. Zotov, G. A. Sidorenko.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 700-703.  
AGI

Mar 69

375,740

Geikielite Found for the First Time in Siberia,  
by A. A. Konev, Z. F. Ushchapovskaya.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 704-706.  
AGI

Mar 69

375,741

A Find of So-Called Faunal and Mixed Coal Balls  
in Donbas Coal, by P. V. Zaritskiy.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 707-709.  
AGI

Mar 69

375,748

Magnetic Properties of Titanomagnetite From  
Ural Titanomagnetite Deposits, by  
V. G. Fominykh, I. I. Glukhikh.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 710-712.  
AGI

Mar 69

375,749

Distribution of Lead in Different Genetic Types  
of Ural Granitoids, by N. D. Znamenskiy,  
M. V. Trayanova.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 713-714.  
AGI

Mar 69

375,760

Distribution of Titanium in Recent Black Sea  
Sediments, by M. F. Pilipchuk.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 3,  
1968, pp 715-718.  
AGI

Mar 69

376,361

Morphological Reorganization of Neuroglia During  
Increased Function of Nerve Centers, by  
M. M. Aleksandrovskaia.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 3, May 1968, pp 719-722.  
CB

Jan 71

Karyologic Analysis of the Tissue Incompatibility  
Reaction, by I. L. Gol'dman.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 3, May 1968, pp 723-725.

CB

Jan 71

On the Possibility of Controlled Mutation Using  
Chemical Mutagens Reacting Primarily with  
Single-Stranded DNA During Local Changes in the  
State of DNA in Cells, by R. I. Salganik.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 3, May 1968, pp 726-729.  
CB

Jan 71

Agency: Fort Detrick

P. O. No. T-756-2

R-10902-D

6 Oct. 69

Title: The possibility of controlling mutation by using chemical mutagens reacting primarily with single-strand DNA, with local changes in the state of cellular DNA

Author: Salganik, R. I., An SSSR. Doklady, V. 180, No. 3, 1968, p. 726-729 typ

Language: Russian

Special Instructions: Please translate and type 1 copy only.

Some New Information on the Biological  
Action of Microwaves, by V. L.  
Kardashev  
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,  
Vol 180, No 3, May 1968, pp 730-733.  
CB

Oct 70

Participation of Plastocyanin from *Pisum sativum*  
L. Leaves in Photoreduction of MADP by  
Chloroplast Fragments, by Ye. A. Akulova.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 180,  
No 3, May 1968, pp 734-737.  
CB

Nov 70

Change in the Unsedimentable Unspecific Esterase  
Activity, Measured with p-Nitrophenyl Acetate  
as Substrate, in Ischemic Rat Liver, by  
A. A. Pokrovskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 180,  
No 3, May 1968, pp 738-741.

CB

Nov 70

Effect of Some Metabolites on the Reaction of  
Epoxidation of Xanthophylls, by  
D. I. Sapozhnikov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 180,  
No 3, May 1968, pp 742-745.  
CB

Nov 70

Relationship Between RNA and Polyphosphate  
Metabolism in Certain Fungi, by

M. S. Kritskii

RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,  
Vol 180, No 3, May 1968, pp 746-749.

CB

Nov 70

Comparative Study of the Initial Stages  
of Egg Segmentation in Nematodes, by  
Ye. M. Drozdovskiy.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 3, 1968, pp 750-753.  
NTC 69-11489-06C

Sci-B&M  
July 69

386,973

Comparative Study of the Initial Stages of  
Cleavage of the Nematode Ovum, by  
Ye. M. Drozdovskiy.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 3, May 1968, pp 750-753.  
CB

Jan 71

Restoration of Regenerative Power of Axolotl  
Limbs Inhibited by X-Ray Irradiation by Tissue  
Heterografting, by L. V. Polezhayev.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 3, May 1968, pp 754-757.  
CB

Jan 71

Influence of X-Rays on Functional Activity of  
Single Hippocampal Neurons, by L. A. Popova.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 3, May 1968, pp 758-760.  
CB

Jan 71

Role of Functional State of the Interstitial  
Space in Regulation of Extracellular Fluid  
Volume, by N. A. Tomilina.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 3, May 1968, pp 761-763.

CB

Jan 71

Glucose Oxidation as Energy Source for Segmentation  
of the Sea-Urchin Ovum, by A. I. Zotin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 180, No 3, May 1968, pp 764-767.

CB

Jan 71

On the Structure of the Field of Quotients  
of the Enveloping Algebra of a Semisimple  
Lie Algebra, by I. M. Gel'fand, A. A. Kirillov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 4, 1968, pp. 66-67. *pp. 775-777*  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,896

Sequences of Linear Aggregates of Functions  
of Several Complex Variables, by

V. P. Gromov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,

No 4, 1968, pp. ~~778-781~~. *pp 778-781*

The Amer Math Soc

Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,897

Extension of Denjoy-Carleman Quasianalytic  
Classes, by M. N. Džrbasjan.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 4, 1968, pp. ~~676-686~~. *pp. 782-785*  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,898

Quasiequivalence of Bases at Finite Centers  
of Hilbert Scales, by V. P. Zaharjuta.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 4, 1968, pp. ~~786-788~~. pp 786-788  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,899

Duality in Problems of the Calculus of  
Variations, by A. D. Ioffe, V. M. Tihomirov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 4, 1968, pp. ~~685-688~~. pp. 784-792  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,900

Approximate Minimax Property of the  $R^2$  Test,  
by Li Hoang Tu.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 4, 1968, pp. ~~789-790~~. pp 793-794  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,901

Dual Models of Production, by A. M. Rubinov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 4, 1968, pp ~~691-694~~. AP 795-798  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,902

On Spaces of Constructive Infinitely  
Differentiable Functions and on Functionals  
in Them, by Phan Dinh Dieu,  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 4, 1968, ~~p. 775-798~~, pp. 799-802  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,903

Completeness Up to Coding of Systems of  
Functions of k-Valued Logic and the Com-  
plexity of its Determination, by R. V. Freivald.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 4, 1968, ~~pp. 1002-1005~~ *pp 1003-1005*  
The Amer Math Soc  
Vol 9, No 3, 1968.

Sci/Math  
Oct 68

366,904

Survey of Turbulent Gas Flows by an Optical Method,  
By N. F. Derevyanko, I. L. Kuznetsov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 4,  
June, 1968, pp 806-808.  
Am INst Phys  
Vol 13, No 6, Dec, 1968

Jan 69

374-073

Rarefaction Wave and Medium Fly-Off in a Variable  
Gravitational Field, By K . Dzhusupov,  
K. P. Stanyukovich.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 4,  
June, 1968, pp 809-812.  
Am Inst Phys  
Vol 13, No 6, Dec, 1968

Jan 69

374-074

General Solutions in Magnetohydrodynamic Flow  
Theory in a Hypersonic Approximation, by  
A. S. Pleshchanov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 4,  
June, 1968, pp. 813-817.  
Am Inst Phys  
Vol 13, No 6 , Dec, 1968

Jan 69

374-075

Photodissociation of  $C_2$  Molecules in the Atmosphere  
of Comets, by D. O. Mokhnach.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 4,  
June 1968, pp 817-820.  
Am Inst Phys  
Vol 13, No 6, Dec 1968

Jan 69

374-061

Quasiperiodic Low-Frequency Solar Radiowave  
Fluctuations, by O. I. Yudin,  
RUSSIAN , per , Dok Ak Nauk SSSR, Vol 180 , No 4 ,  
June, 1968, pp 821-823.  
Am Inst Phys  
Vol 13, No 6, Dec 1968

Jan 69

374-062